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29 October 1970

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MEMORANDUM FOR THE RECORD

25X1 SUBJECT: [   ] Briefing at EXRAND

    1. On 21 October 1970 representatives of [   ] briefed   25X1
EXRAND concerning their development of "free radical" type photographic
materials. They briefed on both reproduction and acquisition type
materials. The purpose of this memo is to record my understanding of
statements (which have been corroborated by [   ]   25X1
25X1 concerning the [   ] acquisition speed material development,
which I believe are significant enough to justify the attention of the
exploitation community.

    2. There were many statements made concerning the performance and
the potential performance of their acquisition speed material. I intend
to record only the summary data, since the significant potential impact
to the exploitation community is clearly implied by them.

    a. The performance objectives for the material regarding speed,
sensitivity, storage, image permanence, emulsion adherence, distor-
tion characteristics, etc. are predicted to be developable to suit-
able performance levels for satellite acquisition system requirements.

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    c. Dates for accomplishing all these levels of performance
25X1 in a single [   ] acquisition speed material were predicted
to be:

Declass Review by NIMA/DOD

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SUBJECT: [ ] Briefing at EXRAND

(1) June 1971--consistent, demonstratable samples of laboratory coated materials.

(2) June 1972--capability for pilot plant coating of these materials in quantities required for operational testing.

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Special Assistant for Plans & Applications,

Distribution:
Cy 1 - EXRAND
2 - NPIC/TSG
3 - NPIC/COMIREX Member
4 - NPIC/PPBS
5 - NPIC/IEG
6 - NPIC/PSG
7 - NPIC/TSG/RED
8 - NPIC/TSG/APSD
9 - NPIC/TSG/ESD
10 - NPIC/TSG/RED/RSB
11 - NPIC/TSG/RED/ATB
12 - NPIC/TSG/RED/SRB
13 - NPIC/TSG/RED/SDB
14 - NPIC/TSG/RED/SA

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